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(54) Title: PRESSURIZED HOT WATER EXTRACTION



B)

C)

(57) Abstract: Methods for the pressurized hot water extraction (PHWE) of compounds from a sample of interest are disclosed. Applications of the method to the extraction of bioactive compounds from botanical samples are disclosed. The disclosed methods do not require the use of subcritical conditions and may be conducted under dynamic flow conditions in the presence of one or more organic solvents. The disclosed methods also provide extraction efficiencies comparable to soxhlet extraction.